

19981005.qrp v01_n235.qrs.981005

Date: Mon, 5 Oct 1998 19:03:17 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 1235

QRP-L Digest 1235

Topics covered in this issue include:

- 1) [21487] Re: Need Canadian Freq Allocation? / 20M QRP SSB Net
by Peter Larsen <larsenp@cadvision.com>
- 2) [21488] Re: FOX Names
by flydnq7x@primenet.com (Floyd Smithberg)
- 3) [21489] my contacts and I am proud
by Scott Howell <whowell@hq.nasa.gov>
- 4) [21490] Re: FOX Names
by Hank Kohl K8DD <k8dd@contesting.com>
- 5) [21491] Re: TenTec Century 21 hum
by Steven Weber <kd1jv@moose.ncia.net>
- 6) [21492] Air-wound VHF coils - ???
by "Charles L. Stackhouse" <cstack@safelink.net>
- 7) [21493] Re: FOX
by DYARNES@aol.com
- 8) [21494] Magnum 44 Claims IRF 510 Unstable?
by astone@erols.com
- 9) [21495] October "NWQ" no on line
by "Bill Todd" <bill@willapabay.org>
- 10) [21496] pixie audio
by Fran Flynn <fflynn@together.net>
- 11) [21497] Re: KEY CONTACTS
by W7LS <w7ls@blarg.net>
- 12) [21498] Unbuilt HW-9
by "Steve Hurst" <shurst@magiclink.com>
- 13) [21499] Re: fox TEAMS
by wa8rxi@juno.com (Rick Arzadon)
- 14) [21500] Nihilistic Nils-ism?
by "Robert P. Okas" <vintage@best.com>
- 15) [21501] Re: Magnum 44 Claims IRF 510 Unstable?
by Paul Harden <pharden@aoc.nrao.edu>
- 16) [21502] Re: Magnum 44 Claims IRF 510 Unstable?
by Niels Jensen Kristjansson <nkristja@cadvision.com>
- 17) [21503] Re: pixie audio
by ka7you@juno.com
- 18) [21504] re: Century 21 hum (and possible mod)
by MJC191@aol.com
- 19) [21505] Solar Powered Awning Tarp

by "Brian J Keegan" <brimail@home.com>
20) [21506] OMNI V Relay - Disable?
by W5TB <w5tb@softhome.net>
21) [21507] Re: Low Power Communications Vols 1 - 3
by DNT1@chrysler.com
22) [21508] Re: Magnum 44 Claims IRF 510 Unstable?
by B11john@aol.com
23) [21509] RV ants
by n3aaz-qrp@juno.com (John R Kirby)
24) [21510] Re: Home Brew Keys,
by DNT1@chrysler.com
25) [21511] JOTA: W1FY in MA
by Peter_Simpson@ne.3com.com
26) [21512] Homebrew keys
by Greg Weinfurtner <gweinfurt1@ohiou.edu>
27) [21513] Lumbering on through & other wintry vacation dreams . . .
by nilsbull@juno.com (Nils R Young)
28) [21514] FS Palomar Noise Bridge
by Wes Spence <ac5k@ih2000.net>
29) [21515] fox teams
by marion@montana.com
30) [21516] Fox: Ohio team.
by Shephed@aol.com
31) [21517] Re: Homebrew keys (My 1st key)
by w4pj@w4bkx.ampr.org
32) [21518] AW: W3DZZ and loop antennas
by "Peter_dl2fi" <Peter_DL2FI@csi.com>
33) [21519] Re: Homebrew keys
by Dick Blaney <wb8mhe@bright.net>
34) [21520] 40 mtr Fox Hunt Teams (fwd)
by Bruce Rattray <rattray@gpfn.sk.ca>
35) [21521] Homebrew Handkeys
by Bill Jones <kd7s@psnw.com>
36) [21522] *IMPORTANT* Fox Hunt Rule Change
by "Paul R. Valko" <prvalko@oakland.edu>
37) [21523] 25 kHz more tuning on OHR100 40m
by "Adam B. Kanis" <adam-kanis@uiowa.edu>
38) [21524] Re: Homebrew keys
by "Steve Hurst" <shurst@magiclink.com>
39) [21525] 40 mtr Fox Hunt Teams (fwd)
by marion@montana.com
40) [21526] FOXHUNT RULES Vesion 3.0!!!
by "Paul R. Valko" <prvalko@oakland.edu>
41) [21527] Diode DBM experiments and questions
by Pierre Constantineau <pierre@cmpe.ubc.ca>
42) [21528] For Sale/Trade: HTX-242 2m FM (Not-QRP)
by "Dan Hanson-KD6RXZ" <kd6rxz@hotmail.com>
43) [21529] 40 mtr Fox Hunt Teams (fwd)

by Bruce Rattray <rattray@gpfn.sk.ca>
44) [21530] AR-QRP Net Schedule
by Robsparks@aol.com
45) [21531] HELP WITH GENERATOR INFO
by ARDUJENSKI@aol.com
46) [21532] FS Palomar Noise Bridge
by Wes Spence <ac5k@ih2000.net>
47) [21533] FS: MFJ9020
by "Allan (Grant) Taylor" <k7gt@qsl.net>
48) [21534] Re: FOXHUNT RULES Vesion 3.0!!!
by flydnq7x@primenet.com (Floyd Smithberg)
49) [21535] Re: Team name
by Bruce Rattray <rattray@gpfn.sk.ca>
50) [21536] Fox Hunting team names
by Scott Howell <whowell@hq.nasa.gov>
51) [21537] 30-M ARK
by RangerSF5@aol.com
52) [21538] RE: INFO please: FT-301D
by "Karl Kanalz - Dallas" <kkanalz@optelinc.com>
53) [21539] 38S PA variations
by gsurrency@juno.com (Gary L Surrency)
54) [21540] 40 mtr Fox Hunt Teams (fwd)
by Bruce Rattray <rattray@gpfn.sk.ca>
55) [21541] ARK 30-M
by RangerSF5@aol.com
56) [21542] RE: Diode DBM experiments and questions
by "Michael St. Angelo" <mstangelo@worldnet.att.net>
57) [21543] ARS rig/battery weight info
by Joe Everhart <n2cx@voicenet.com>
58) [21544] QSO with the selective operator.
by Ed Loranger <we6w@qsl.net>
59) [21545] thanks for the info on the k8ff paddle!
by "Cieslak, Chris" <ccieslak@LAW.UIUC.EDU>
60) [21546] Using a BUG
by w4pj@w4bkx.ampr.org
61) [21547] Re: Using a BUG; ALSO K8FF PADDLE NOTE.
by Ed Loranger <we6w@qsl.net>
62) [21548] N2BRT in Denver Oct27 - Nov1 , ?meet
by "Adam B. Kanis" <adam-kanis@uiowa.edu>
63) [21549] Re: QSO with the selective operator.
by Stan <Stan@cruzio.com>
64) [21550] Pacificon Update
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
65) [21551] Fox: fFoxhunting and tornadoes de AB5UA
by "Harvey D. D. Hetland" <n6mm@earthlink.net>
66) [21552] Frustration
by "Jack Sterba" <kb9leb@geocities.com>
67) [21553] Unsibscibe help, please.

by Keith Huggett <keith@g8izz.demon.co.uk>
68) [21554] Re: QSO with the selective operator.
by Ed Loranger <we6w@qsl.net>
69) [21555] Re: QSO with the selective operator.
by Ed Loranger <we6w@qsl.net>
70) [21556] Praise for the MiniR2
by "Russ Carpenter" <russ@natworld.com>

Date: Mon, 05 Oct 1998 00:20:22 +0100
From: Peter Larsen <larsenp@cadvision.com>
To: kfglynn@prodigy.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [21487] Re: Need Canadian Freq Allocation? / 20M QRP SSB Net
Message-ID: <361802B6.55A5D0F0@cadvision.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

As to the Canadian portion of the 20 meter band, we can run
SSB or AM any where from 14.000 to 14.350. Yes I know it is
a gentleman's agreement not to run SSB below 14.100.

Have fun.
Peter
VE6YC D021wc

> Can someone please tell me frequency allocation in the 20M band for
> SSB? I want to find a freq in the General portion that's not too > crowded
(wish me luck) that will work in Canada as well. Thinking
> that 14.285 +/- can be a good start since it's the QRP freq on 20M.

Date: Sun, 4 Oct 1998 17:54:19 -0700 (MST)
From: flydnq7x@primenet.com (Floyd Smithberg)
To: "Paul R. Valko" <prvalko@oakland.edu>, qrp-1@Lehigh.EDU
Subject: [21488] Re: FOX Names
Message-ID: <199810050054.RAA16340@smtp02.primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi again Paul, sked shows Doc in ND, your last post says SD????? I'm
guessing ND 8-)

> Here are the CORRECTED names & QTH of the Foxii for 98-99 season:

>> AB5UA CLIF OK
>> WA8GHZ JACK TX
>> KV2X TOM NY
>> N2TO KEVIN NY
>> K1MG MIKE CA
>> AB0G0 DAVE CO
>> W5TFB JACK TX
>> N0UR JIM MN
>> N7CQR DAN OR
>> K5ZTY BILL TX
>> WQ8RP HANK MI
>> VE7DXJ CHUN BC
>> K0EVZ DOC ND
>> N2SMH DAVE NJ
>> W8RU RON MI
>> K8CV WALT MI
>> KU7Y RON NV
>> N1FN MARSHALL CO
>> KB7MBI ALAN WA
>> WS4S CONARD TN
>> VE7CQK PAUL BC

>

73 Floyd NQ7X Phoenix ScQRPion

Date: Sun, 04 Oct 1998 21:52:05 -0400

From: Scott Howell <whowell@hq.nasa.gov>

To: cw@qth.net

Cc: qrp-1@Lehigh.EDU

Subject: [21489] my contacts and I am proud

Message-ID: <3.0.5.32.19981004215205.007dc8c0@mail.hq.nasa.gov>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Ok, made my first contact to Canada today. Made my first contact to California today. Both on 15m.

Ok, so I was running 25 watts and the qrp gang can beat me with a coax. hee hee In any case I am trying like hell to get my copy up to par and the speed as well so running qro even though I love the challenge of qrp.

In any case I am realllllllllyyy happy with myself making these contacts and wanted to blow my horn a bit.

I want to thank everyone who has ever offered me an encouraging word and those who I have made contact with and those who I have tried and missed. I still owe a lot of folk qsl cards and will be working on this problem soon.

Thanks to all for keeping me going even at the worst of times. You guys don't know that through these two reflectors, I have found the strength when I thought code would never come to me and I'd never get a qso beyond qth and all that, possible.

Of course I can't forget the one who got me hooked like a junky. Scott Rosenfeld, NF3I and a special thanks to Chris Cartwright, N3XRV. Scott and Chris showed me how fun code could be especially at FYBO and Dayton.

Thanks to all and hope to tell you the day I pass my 13wpm so I can finish and become a General class licensed op. Yup! one code test and I'll have it.

72/73 to all de n3byy
Scott in lovely cool Laurel, MD

Date: Mon, 05 Oct 1998 01:57:14 +0000
From: Hank Kohl K8DD <k8dd@contesting.com>
To: flydnq7x@primenet.com
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [21490] Re: FOX Names
Message-ID: <3.0.5.32.19981005015714.00a199d0@192.0.0.1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 03:09 PM 10/4/98 -0700, Floyd Smithberg wrote:
>WQ8RP LARRY? MI

>..Also the name Larry for WQ8RP was taken from my TRmaster data base and
>may not be correct...also noted Hank Kohl K8DD was on the e-mail list
but not
>as a Fox...could he be WQ8RP?

WQ8RP won't be Larry. WQ8RP will be in MI
The name will be dependant on who the operator is. Might be Hank,
Buck, Stan,
Bob, or Tim. Club calls tend to do that.

But for this week, October 9, 0100Z it will be

Date: Sun, 04 Oct 1998 20:57:09
From: Steven Weber <kd1jv@moose.ncia.net>
To: MJC191@aol.com
Cc: qrp-1@Lehigh.EDU

Subject: [21491] Re: TenTec Century 21 hum
Message-ID: <3.0.3.16.19981004205709.219fddf6@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>
>I picked up an old TT Century 21 last week. When you first turn it on, it has
>a nasty hum (not quite 60 cycle noise, but close).
snip
>Gradually, as the set "warms up" (hmm ...a solid state rig that has to warm up
>!?!?) the problems go away and the set functions 100% normally.

Hi Mike,

Sounds like a bad aluminum electrolytic. Probably some where in the power supply. When Alum Electro's start to go bad, they work better when they are hot. So, if they get heated by near-by components or from internal ripple currents, they perform better.

To find the bad one, do a visual and see if any have the plastic sleeve that's shrunk or discolored, indicating it got real hot at some point or are located near heat generating parts. Sometimes you can see where the top is bilowed out or electrolite has leaked, but I don't think yours are at that point yet.

A hair dryer can be used to localize the bad cap. When the rig is still cold, blow the hair dryer around untill the hum goes away. Once you've identified some suspect caps, let the rig cool down enough for the problem to return, then heat the top of each cap with the tip of a soldering iron for a few seconds. The one you heat and the hum goes away, there's your bad cap.

Good luck,

Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

Date: Sun, 4 Oct 1998 19:53:11 -0600
From: "Charles L. Stackhouse" <cstack@safelink.net>
To: <qrp-l@Lehigh.EDU>
Subject: [21492] Air-wound VHF coils - ???

Message-ID: <19981005024221735.AAA185@safelink.safelink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Friends,

As a total beginner at VHF homebrewing, I wonder how critical the wire size, tinning, solid vs. stranded, etc. are for VHF airwound coils (tuned circuits in driver and final, and for low pass filter).

When building a QRP VHF transmitter (the Ramsey FHT-1 Foxhunt transmitter), the instructions call for winding several coils using "heavy gauge tinned bus wire." This wire was missing from the kit since I bought it from a friend. I just stripped some #20 stranded wire and tinned it and wound the coils on a 5/16 x 20 bolt. In researching this in my ARRL Handbooks, I couldn't find any specific mention of what type of wire to use for these coils. I found one VHF transverter project that calls for "No. 18 tinned, 0.250 inch ID" for the air-wound coils.

Please enlighten.

73, Charlie WA2IPZ Burley, ID

Date: Sun, 4 Oct 1998 22:37:38 EDT
From: DYARNES@aol.com
To: qrp-l@Lehigh.EDU
Subject: [21493] Re: FOX
Message-ID: <17cbbd3f.361830f2@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

>I have to agree with Floyd here. The "old" exchange was RST, QTH, Name,
>QRP-L # or Power. One contact was one point.
>
>Pse don't turn this into a contest.

Amen!

Dave W7AQK

Date: Sun, 04 Oct 1998 22:44:48 -0700
From: astone@erols.com
To: QRP-L@lehigh.edu
Subject: [21494] Magnum 44 Claims IRF 510 Unstable?
Message-ID: <36185CD0.2A29@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi - I noticed that the Magnum 44 folk indicated that they abandoned using the IRF 510 after discovering some sort of "incurable" instability. Given the number of 38Ss that used this mod, this seems kind of interesting. Anyone have an idea of what the problem is and why there haven't been massive complaints from 38S owners?

72,

Ron (KA3J)
Bethesda, MD

Date: Sun, 4 Oct 1998 19:47:19 -0700
From: "Bill Todd" <bill@willapabay.org>
To: <nwq-l@scn.org>
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [21495] October "NWQ" no on line
Message-ID: <002001bdf00a\$792a5ac0\$204ffbce@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello QRPers -

The latest edition of the NorthWest QRP Club's "NWQ" is now on line at my web site at the WWW address seen at the bottom of this message.

Alan, KB7MBI and I are still putting together the final NERDS contest scores (from September 12th), so if you have yet to send your log in, you still have a day or two to do it.

I hope you enjoy this month's newsletter! Remember that this Saturday is

our Club meeting, so if you are in Seattle, we'll see you there.

CUL, Bill-N7MFB

PS Our simple HTML version of the newsletter should be up on our Club web site in a day or two.

<http://www.willapabay.org/~bill>

ICQ me @ 8926298

Date: Sun, 4 Oct 1998 22:50:44 -0400 (EDT)
From: Fran Flynn <fflynn@together.net>
To: ka7you@juno.com, qrp-l@lehigh.edu
Subject: [21496] pixie audio
Message-ID: <199810050250.WAA04165@sequoia.together.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>I have constructed a Pixie II on an etched circuit board, am I am having
>dificulty with the audio. I am getting lots of motorboating.

If you don't have a bypass capacitor from pin 7 of the LM386 to ground,
try adding one. I would start with something like a 47uf/16v electrolytic.

Some circuit designs that use the '386 leave out this bypass cap. Sometimes
you can get away without it, sometimes not. It's a lot less sensitive to
things like ground loops and a power supply rail that maybe isn't all that
"stiff" with the bypass there. You could play with the gain strapping too
if that doesn't cure it, or if you already have that pin bypassed. You may
have to lower the gain to settle it down.

72

Francis Flynn
ARS: KM1Z Grid: FN34

Date: Sun, 04 Oct 1998 21:23:08 -0700

From: W7LS <w7ls@blarg.net>
To: marion@montana.com
Cc: qrp-1@Lehigh.EDU
Subject: [21497] Re: KEY CONTACTS
Message-ID: <361849AC.272D@blarg.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi. I am the guy that can get the silver plated copper key contacts. Same deal: Send me a buck and a SASE and I'll fire back a set of 4. 73 de Jim, W7LS

Jim Hossack W7LS
15221 342nd Ave, NE
Duvall, WA 98019

marion@montana.com wrote:

>
> At 09:56 PM 10/3/98 EDT, you wrote:
> >Hi Roy,
> >
> >Glad to read your comments about your Nor Cal paddle. I like the feel
> >of it very much but have been using my Bencher because of the
> >intermittant nature of the NC paddle. I would like to learn the
> >source of your silver contacts. I have both versions of the NC paddle.
> > I have been toying with the idea of tipping the contact screws with a
> >little bit of silver solder but will have to get a small soldering torch
> >to do the job properly.
> >
> > Thanks in advance. VY 73
> >Tony, W2GUM.
> >
> When I posted to the list that I needed a contact source, a fellow
> ham who I can't remember sent me a e-mail to send him a SASE with 1.00 for
> each set of 4 contacts. They are like they are made for it. Copper base with
> a short shaft that fits in the holes. Thick silver plate heads. I was able
> to insert a soldering iron tip in the opposite hole and heat until solder
> flowed on the contact side then insert the contact and let cool.
> This eliminates the out side screws completely. Much cleaner/nicer looking
> key. "feel" is more solid. Completely eliminated intermittent problems. Have
> never even cleaned contacts.
> The gentleman ham who provided the contacts was prompt. I apologize for not
> remembering his name/call. But although I am "memory challenged", I do
> remember he is a nice guy. I will post this to list and maybe he will get in
> contact with you. 72/73 Roy AB7CE

Date: Sun, 4 Oct 1998 22:50:20 -0600
From: "Steve Hurst" <shurst@magiclink.com>
To: <qrp-1@Lehigh.EDU>
Subject: [21498] Unbuilt HW-9
Message-ID: <199810050450.AAA80772@nss4.cc.Lehigh.EDU>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang,

While scanning the pages of "eBay" auction site, I came across an unbuilt Heathkit HW-9 up for auction. Don't know if any of you would be interested , but I'll post the URL for those that are. When last checked , the bidding was up to \$180.00. Good luck.

<http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=33849616>

Contact the seller , not me. I'm just the messenger :-)

73,
Steve Hurst
KA7NOC (southern Idaho)
<http://www.magiclink.com/web/shurst>
shurst@magiclink.com

" I'm cooler than you are. Why don't you fix your little problem and light this candle ?"
Alan B. Shepard

Date: Mon, 05 Oct 1998 00:50:48 EDT
From: wa8rxj@juno.com (Rick Arzadon)
To: marion@montana.com
Cc: qrp-1@Lehigh.EDU
Subject: [21499] Re: fox TEAMS
Message-ID: <19981005.045237.4471.1.WA8RXI@juno.com>

Via CW?
72, Rick Arzadon - WA8RXI Taylor, MI.

On Sun, 4 Oct 1998 16:35:51 -0600 (MDT) marion@montana.com writes:
> Just how do the fox teams operate? Roy AB7CE
>
>
>
>

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Sun, 4 Oct 1998 21:58:39 -0700 (PDT)
From: "Robert P. Okas" <vintage@best.com>
To: qrp-1@Lehigh.EDU
Subject: [21500] Nihilistic Nils-ism?
Message-ID: <Pine.BSF.4.02A.9809261838580.16665-100000@shell14.ba.best.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,

This "message of the day" popped up when I logged into my ISP today.
Dang if it don't sound like something Nils might imagine... ;-}

"So she went into the garden to cut a cabbage leaf to make an apple pie; and at the same time a great she-bear, coming up the street pops its head into the shop. "What! no soap?" So he died, and she very imprudently married the barber; and there were present the Picninnies, and the Grand Panjandrum himself, with the little round button at top, and they all fell to playing the game of catch as catch can, till the gunpowder ran out at the heels of their boots."

-- Samuel Foote

73,
Bob

Date: Sun, 4 Oct 1998 23:05:49 -0600 (MDT)
From: Paul Harden <pharden@aoc.nrao.edu>
To: qrp-1@Lehigh.EDU

Cc: "HB Electronics (Bob Berlyn)" <hb_elec@ids.net>
Subject: [21501] Re: Magnum 44 Claims IRF 510 Unstable?
Message-ID: <Pine.SOL.3.91.981004221711.24443A@zia>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 4 Oct 1998 astone@erols.com wrote:

> Hi - I noticed that the Magnum 44 folk indicated that they abandoned
> using the IRF 510 after discovering some sort of "incurable" instability.
>
> 72,
> Ron (KA3J)
> Bethesda, MD

Ron and others,

Bob Berlyn and I are using the IRL520 in the 44-Magnum. This is for numerous reasons, but never was it due to "incurable instability." The largest technical complaint I have of the IRF510's is if you buy ten units, you will get ten different levels of behavior. Some will put out 3W, others maybe 7W, some go into gate punchthrough at >12V, others at 8V. MOSFETs & FETs are not known for their unit-to-unit consistency in specifications, but such a spread in performance is just too shaky when you want to issue a kit.

There are several facts about the IRF510 you might find interesting, as learned from the International-Rectifier and Motorola applications engineers.

- * The IRF series of MOSFET's were "invented" by International-Rectifier (I-R), and hence the IR____ designations.
- * I-R makes ALL THE DIES for the IRL510's made in the U.S. ... they sell the dies to Motorola and Harris, and they mount them in their TO-220 cases. But the dies all come from the same place. Thus it makes no difference where you get them, except Radio-Shack, see below.
- * Other manufacturers are licensed to make IRF510's, but those dies are made in other facilities, such as SGS-Thompson, Mitsubishi, etc.
- * I-R discontinued the IRF510 series (IRF510, 511, 512, etc.) in 1997. This is why they are no longer "made" by Motorola or Harris, because I-R quit making the dies.
- * They are still made by SGS-Thompson, and this is the manufacturer that Mouser now uses.
- * The IRF510 was probably the most manufactured power MOSFET in the U.S. until it was discontinued ... in the millions according to I-R. THE LARGEST USE OF IRF510's was by the automotive industry. They were designed and used for years as the driver FET for the windshield wiper motors and turn signals.
- * The I-R and Harris engineers were IMPRESSED when they found out we were using them at 10MHz!!!

* RADIO SHACK IRF510's are actually made at an off-shore semiconductor plant in Haiti which has lousy specs. They are NOT licensed to make these devices by I-R. This is why the Radio Shack versions are intentionally mislabeled "IFR510" (NOT IRF) to avoid legal liability.

The schematic for the 44-Magnum, and the IRL520 PA, will be in the PacifiCon book given to attendees, along with a complete circuit description, not only specific to the 44-M, but a circuit description of how many of the typical circuits in QRP rigs work.

After PacifiCon, I will post information on this PA to QRP-L and try to include one of those famous ASCII schematics. I just don't have the time to load all of that right now. Some of the new information is on Bob's web page at HB Electronics at http://users.ids.net/~hb_elec Other information will be updated shortly, as the prototype boards arrived friday and a couple are being built right now. Hopefully we'll have one to bring to PacifiCon.

The IRL520 is one of the newer versions of MOSFET's known as "logic compatible." This means that the MOSFET will go into its "ohmic ON" (full drain current mode) with 5v logic on the gate, rather than the 12V or so required by the IRF510. In the 44-M 30M version, the 10.1MHz is made into a square-wave, using an NPN-PNP low-Z driver to drive the gate for class D operation. Output power is then determined by the duty cycle of the square wave gate drive, which is set by a front panel DRIVE control. Harmonics generated by the square wave drive are smoothed out in part by the IRL520 input capacitance, and the remainder by the output filter. The other advantage of using this scheme, is variations in specs from one unit to another is automatically compensated for in the drive and ALC circuits for fairly consistent results.

I will be adding this PA to a 38-S shortly, just for the curiosity to see how it works, and document it for a future mod in QRPP if it seems worth the effort. It should go in fairly easy, and would probably include two versions: with and without the HC240 driver stage.

So see ... while some of us may seem quiet lately ... it's not that we're not melting solder -hi.

72, Paul NA5N

Date: Sun, 4 Oct 1998 23:34:28 -0600
From: Niels Jensen Kristjansson <nkristja@cadvision.com>
To: qrp-l@Lehigh.EDU
Subject: [21502] Re: Magnum 44 Claims IRF 510 Unstable?
Message-ID: <1.5.4.16.19981004232435.187f27c2@cadvision.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi gang!

Of the six or so 38S that the Calgary QRP group built no two had the same Transmitter performance. I tried three different ones and was not really happy with anyone of them (actually blew two of them). I eventually ended up using an IRF520 combined with the variable power mod. Best output power to current draw was at around 2.8W and that is where I left it. IRF/IFR hmmm.... very interesting, there are parts I will not buy from Radio Shack. Don't know if I should be seen buying stuff there as I am an Avionics Engineer hi hi.

vy 72 to all de Niels
VE6NJK/TF3NJ

PS: My BUG is primed and ready to tear up the Foxes.

>The largest technical complaint I have of the IRF510's is if you buy
>ten units, you will get ten different levels of behavior. Some will
>put out 3W, others maybe 7W, some go into gate punchthrough at >12V,
>others at 8V. MOSFETs & FETs are not known for their unit-to-unit
>consistency in specifications, but such a spread in performance is just
>too shaky when you want to issue a kit.

Date: Mon, 05 Oct 1998 01:58:26 EDT
From: ka7you@juno.com
To: fflynn@together.net
Cc: QRP-L@Lehigh.EDU
Subject: [21503] Re: pixie audio
Message-ID: <19981004.221158.12503.3.ka7you@juno.com>

Fran, and the rest of the group,
WOW! Actually, pin 7 is the only pin which is not connected to

anything on all the schematics I've seen of the Pixie.
Thanks for all the input.

Rod Johnson KA7YOU from grid CN97AK near Issaquah, Wa.
160M thru 1296 MHz-higher bands pending
ARCI-QRP #7251 QRP-L #844 NWQRP #120 and others

On Sun, 4 Oct 1998 22:50:44 -0400 (EDT) Fran Flynn <fflynn@together.net>
writes:

>
>
>>I have constructed a Pixie II on an etched circuit board, am I am
>having
>>difficulty with the audio. I am getting lots of motorboating.
>
>If you don't have a bypass capacitor from pin 7 of the LM386 to
>ground,
>try adding one. I would start with something like a 47uf/16v
>electrolytic.
>
>Some circuit designs that use the '386 leave out this bypass cap.
>Sometimes
>you can get away without it, sometimes not. It's a lot less sensitive
>to
>things like ground loops and a power supply rail that maybe isn't all
>that
>"stiff" with the bypass there. You could play with the gain strapping
>too
>if that doesn't cure it, or if you already have that pin bypassed.
>You may
>have to lower the gain to settle it down.
>
>72
>
>Francis Flynn
>ARS: KM1Z Grid: FN34
>
>
>
>
>
>

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Date: Mon, 5 Oct 1998 05:44:42 EDT
From: MJC191@aol.com
To: qrp-l@Lehigh.EDU
Subject: [21504] re: Century 21 hum (and possible mod)
Message-ID: <37591ec5.3618950a@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Folks,

Thanks to everybody who gave troubleshooting advice on my old humming Century 21. The consensus is that an electrolytic cap, probably the main filter cap in the power supply, is the culprit. The soldering iron will be heated tonite!

One good idea that came up was to by pass the internal power supply altogether and run off an external p.s. or battery. Hmmm..a Century 21 that could go mobile or field portable. Anybody ever done this sort of mod? If I took that big heavy iron transformer and power supply board out of the rig, there would be plenty of room for an internal battery pack. Spartan Sprint, here I come!

This list is like having hundreds of Elmers a keyboard away! Thanks!

Mike NA1XX // Weymouth MA
QRP-L # 1588

"When all else fails....CW"

Date: Mon, 5 Oct 1998 06:21:34 -0400
From: "Brian J Keegan" <brimail@home.com>
To: "QRP-L" <qrp-l@Lehigh.EDU>, "NJ-QRP" <NJQRP@NJQRP.ORG>
Subject: [21505] Solar Powered Awning Tarp
Message-ID: <19981005102347.AAF12567@cc1016490-a.vron1.nj.home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

If you get a chance check out the October issue of SMITHSONIAN magazine, page 40. They have a photo of a 32' high "solar-powered awning tarp thing" and an assortment of PV panels currently set up in the garden at the Carnige mansion in NYC.

Picture a large tarp made of webbing. Now add long rectangle shaped PV modules made of flexible silicon. They don't mention the size of the tarps in the photo but I'd guess 30'x30' would be a close estimate. No technical data given at all but sure gets the imagination going when you start to think of what one could do for Field Day, QRP Afield, etc. The tarps are part of a display called "Under the Sun:An Outdoor Exhibition of Light" which ends Oct 25.

If I can make it over there before it ends I'll try to get more info to share with the group. This "thing" is very cool!

Brian KF2HC

Date: Mon, 05 Oct 1998 05:45:45 -0500
From: W5TB <w5tb@softhome.net>
To: qrp-l@Lehigh.EDU
Subject: [21506] OMNI V Relay - Disable?
Message-ID: <3.0.3.32.19981005054545.00699048@pop.SoftHome.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi gang, I have a 'new' Omni V and as a QRP type have no need for the clicking relay -- especially since the 'shack' is a QRP closet right off the bedroom ;-)

Can anyone tell me how to disable the relay without major surgery?

tnx

73 T.E. 'Doc' Drake W5TB

Arlington, TX w5tb@softhome.net <http://www.qsl.net/w5tb/>
QRP-ARCI # 3252 NORCAL ZOMBIE #1002 QRP-L #673 FISTS # 5365

Date: Mon, 5 Oct 1998 07:55:19 -0400

From: DNT1@chrysler.com
To: k7sz@epix.net
Cc: qrp-l@Lehigh.EDU
Subject: [21507] Re: Low Power Communications Vols 1 - 3
Message-ID: <85256694.00416CFF.00@Ingodd02.notes.chrysler.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

Rich, K7SZ wrote:

> Due to the fact that two people pulled out at the last moment and a
> printer overrun, I have 5 complete sets of books still available. If
> anyone would like a set of all three volumes (no, I won't split them up)
> e-mail me privately for a special price.

I got mine early on, have read all three & enjoyed every minute of it! I keep going back to Volume 2 trying to glean more info from it for setting up my son's new station. Volume 1 was an interesting overview of the material in Volume 2, just enough to whet your appetite for QRP & make you want to learn more! Volume 3 gave me a bit more info about the history of the rigs folks are always talking about with reverence. You know, the ones you never see available because no one is willing to let them go! I have to say that I've enjoyed reading through the set immensely, now to just figure out how to share it all with my Pathfinder group for their Radio honor & license class!

> Again, thank you all who participated in this "last hurrah". And, for
> those of you who just can't get enough....there is a project on the
> horizon that I think you will all enjoy.

Thank YOU, Rich! Not just for the neat books, but for letting the list know about them & offering them here where the QRP info is shared. I look forward to the "project on the horizon" that you refer to. I'm sure that I'll enjoy it as much as I did your "Low Power Communications" set!

72/73,

Don T. KD4RHH QRP-L#1670

Date: Mon, 5 Oct 1998 08:30:18 EDT
From: B1ljohn@aol.com
To: astone@erols.com, qrp-l@Lehigh.EDU

Subject: [21508] Re: Magnum 44 Claims IRF 510 Unstable?
Message-ID: <c77d0f14.3618bbda@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

There description could easily fit what I experienced with mine.

72,

Bill
K9YEQ

Date: Mon, 5 Oct 1998 09:07:27 -0400
From: n3aaz-qrp@juno.com (John R Kirby)
To: qrp-1@Lehigh.EDU
Subject: [21509] RV ants
Message-ID: <19981005.090927.-220675.1.n3aaz-qrp@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Jim...Since this turned out to be some what of a construction article
I decided to post it to the net too.

My dual ham stick dipole adapter is an aluminum bar apx. 3/8" X 3/4" X
4".

Drill three holes, two about 1.5 inches apart at one end of the bar,
and a third at the other end of the bar.

One will accept the Radio Shack feed through/adapter,
cat# 21-961 (\$4.99 (a few yrs ago)).
This adapter accepts a standard PL-259 connector
and insulates the bar to form the "hot" side of your dipole.

The second is a clearance hole to accept the 3/8 inch stud ham stick end
to form the "cold" or "mirror" side of your dipole.

The third hole is for support, toss a line over an object and hoist.

I travel with mine also, but in an RV, and find that a vertical setup
suits my site requirements better.

Assemble the dipole as above
then slide the cold side into a ten foot section of 1/2 or 3/4 inch PVC
for support
and viola a vertical antenna...

Since the ham stick is a resonant antenna and changing its configuration
moves that narrow bandwidth "a grunch",
I found that if you only have two tools in your tool box,
one should be the MFJ-259 or equivalent,
that piece of equipment will turn a raving alien
into confident expectation.

While on the subject of portable / mobile antenna,
I would like to share this...

I found that for my purpose
the 102 inch whip (also Radio Shack) with a RS adapter (similar to above)
gives me an all band antenna, yep...works from 40 to 2 meters...and with
some TLC 80...

A 4:1 broadband bifilar (discussed in the ARRL ANTENNA Book) transformer
located >>AT THE BAST OF THE WHIP<< is required on some bands.

ALSO NOTE, The "whip" antenna requires a counter poise or ground plane
such as the ladder rack on an RV or the load bed of a pick up...

gud lk Jim/NN50 es hv fun in DL and/or HB9 land...

John
N3AAZ

>>>jk<<<
>re:Hotel ants help
>I have heard of dual ham sticks being used as a dipole and it sounds
>very simple. However, I wonder where to find the hardware for the
>center conductor. Are these things all homebrew? Help will be
>appreciated and (perhaps) rewarded with a qrp hotel qso from DL or HB9
>soon!
>
>Jim/nn5o<<

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Date: Mon, 5 Oct 1998 09:27:54 -0400
From: DNT1@chrysler.com
To: qrp-l@Lehigh.EDU
Subject: [21510] Re: Home Brew Keys,
Message-ID: <85256694.0049E820.00@lmgodd02.notes.chrysler.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

nhoop@centuryinter.net wrote:

> A thought: how about a blob of silver solder? Or, easier yet, ordinary
> solder? It doesn't corrode much and would be easily renewable for those
> heavy-handed types.

Silver solder might be OK, but don't use ordinary solder. It's too soft, gathers dirt & makes for intermittent contacts faster than you'd think. Trust me, this is from personal experience trying to repair/build up a broken brass contact on a straight key for temporary use when a good key was not fiscally possible! It's especially poor in cold conditions, the solder tends to gather condensation & go sticky/clicky on you. This means you have to set the contacts WAY far apart & it's still unreliable! Save yourself the hassle & learn from my mistake!

72/73,

Don T. KD4RHH QRP-L#1670

Date: Mon, 5 Oct 1998 08:25:18 -0400
From: Peter_Simpson@ne.3com.com
To: qrp-l@Lehigh.EDU
Subject: [21511] JOTA: W1FY in MA
Message-ID: <85256694.00439EBE.00@usboxmta.ne.3com.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII

I'll be doing JOTA from Nobscot Scout Res. in Framingham, MA, using our club call, W1FY. We'll be running 100W (sorry, not QRP), but I will bring my SST-40 in case I get a chance to do some QRP demos. Look for us on 40, 20, 15 and 10 SSB.

It's mostly a demo for Cub Scouts, in conjunction with a weekend for them, but we will QSL and be operating from 12:00 (maybe earlier) to 5:00 Eastern [that's 1600Z to 2100Z, right?]

72,
Peter, KA1AXY

Date: Mon, 5 Oct 1998 10:03:43 -0400
From: Greg Weinfurtner <gweinfurt1@ohiou.edu>
To: qrp-l@Lehigh.EDU
Subject: [21512] Homebrew keys
Message-ID: <v03110701b23e811a6b98@[132.235.81.71]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Guys and gals,

Instead of using lead for key contacts, find an old switch and get the contacts out of them. The contacts are usually silver or some alloy. I've even soldered (Mechanically securing them is MUCH preferred before soldering) the contacts to key mechanisms and they work great.

Geesh... brings back memories of my first key made out of a hacksaw blade...running a 6DQ5 osc/xmitter in '73.. even my first paddle (single) was a hacksaw blade... Ahh, but that is another story for another day.

73 de NS80

Date: Mon, 5 Oct 1998 09:47:46 -0500
From: nilsbull@juno.com (Nils R Young)
To: QRP-L@Lehigh.EDU
Subject: [21513] Lumbering on through & other wintry vacation dreams . . .

Message-ID: <19981005.094754.10454.0.nilsbull@juno.com>

Gang,

Cindy got the living room painted & mon, does it look nice. Thomas Conley, one of the guys at work, came over & finished the job over a week & a half time. I already talked about it, I know, but it's the spirit of the thing that's going on here.

Since Thomas painted the living room, Cindy's been rearranging the furniture just about every day. So I have to be careful coming home from work at 11:30 p.m. every night but weekends & Friday. And since Cindy's moved the furniture & all the book cases (which is another story), we had to find a home for the three fish that Andy decided he wanted back in mid-summer.

So Cindy goes out to the recently opened Target store ('cause they have stuff the old mom-and-pop places don't have, mainly 'cause they're out of business since the Target store moved in) and got this really nice "end table." Real wood. Cherry. Machined & processed in Thailand. Wanna bet the cost of the table is no where reflected in the pay ticket that the Thai workers go?

While I was putting the table together, I was reminded of the end table that served as my radio shack back in 1971-1972 when I had that apartment on the beach in bustling downtown Jacksonville Beach. I had that table & an old mil surplus 40m xtal controlled transceiver. TRC77 or something I think it was called. Ten watts of big hootie powa. When I got done with the table, I brought the Sierra, antenna tuner & NorCal zombie paddles down and put 'em on the top. It looked so good that I may just get another one of them tables to have the true QRP station on. Five watts of big hootie powa.

Sure looks pretty. I wonder if Bob Vila would approve.

73

Nils

. . . and since the table was made out of such pretty wood, I'm redesigning the traveling radio box to fit the Sierra & accouterments. Only trouble is, I'll have a hard time rationalizing making one in cherry to take on vacation. Maybe I'll save that one for the K2 project. Which will probably take me until vacation time to put together. Which is another story. . .

Nils R. Bull Young

La Estancia de los Guajolotes Sonrientes :: The Grinnin' Turkey Ranch
WB8IJN &c :: The Tagalong Press :: email to: nilsbull@juno.com

<http://www.geocities.com/Athens/Olympus/9172>

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Date: Mon, 05 Oct 1998 09:30:35 -0500
From: Wes Spence <ac5k@ih2000.net>
To: qrp-1@Lehigh.EDU
Subject: [21514] FS Palomar Noise Bridge
Message-ID: <3618D80B.627A@ih2000.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Fellow QRPers:

I have a palomar Noise Bridge with Operators Manual in good and working condition for sale or trade. \$40.00 and I will pay shipping for anywhere in the lower 48.

I am looking for back issues of all QRP publications (copies OK) and a tone encoder board for an ICOM IC-2AT (my bicycle 2m rig). Please reply directly to my e-mail address.

Wes Spence, AC5K
Near Beaumont Texas

Date: Mon, 5 Oct 1998 09:39:16 -0600 (MDT)
From: marion@montana.com
To: qrp-1@Lehigh.EDU
Cc: prvalko@oakland.edu
Subject: [21515] fox teams
Message-ID: <199810051539.JAA05924@paw.montana.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Dan N4ROA and myself, Roy AB7CE, are making a fox team. anyone want to join us? Possible names are the "hungry hounds" or the "lonesome Hounds", unless someone has a better idea. Please let me know today . 72/73 Roy AB7CE

Date: Mon, 5 Oct 1998 10:46:19 EDT
From: Shepherd@aol.com
To: qrp-1@Lehigh.EDU
Subject: [21516] Fox: Ohio team.
Message-ID: <6477d817.3618dbbb@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Well by popular vote we are to be know as,
SWORDS
South West Ohio Radio Demolition Squad
"We are the hunters, you are crunchy and tasty with catsup"

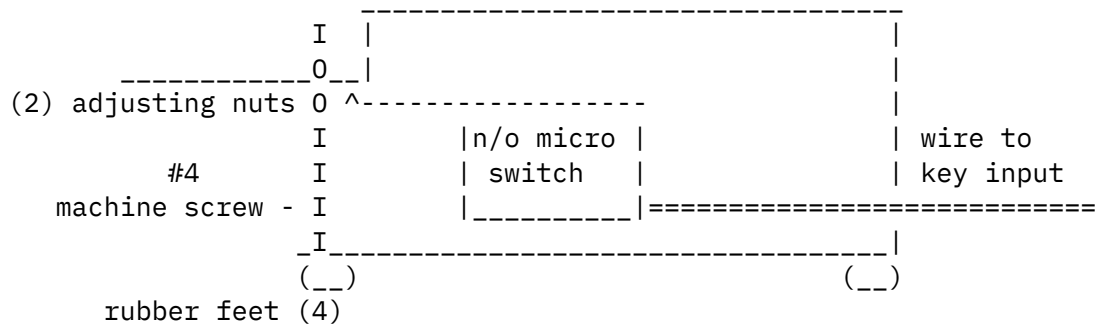
Team members:
Ron, N8VAR
Rick, WB6JBM/8
Dan, N8VZU

Date: Mon, 05 Oct 1998 10:59:41 EDT
From: w4pj@w4bkx.ampr.org
To: qrp-1@Lehigh.EDU
Subject: [21517] Re: Homebrew keys (My 1st key)
Message-ID: <24935@w4bkx.ampr.org>

Here's a crude drawing of my first key homebrewed from the junkbox.
I couldn't justify spending \$20 for that plastic thing at the store.
Total cost \$00.00 Nada - Zip. I still have it with my Novice call
KD4LKG emblazoned on the top in red /silver /black and can send at
about 22 wpm with it. (It makes a little clanking noise but a couple
of nylon washers between the adj. nuts and copper might quiet it
down a little.)

copper sheet - piece of old roofing
valley material or can buy (Arrgh)
a small sheet at the hobbyshop for
about \$5.

bent in vice (has enough spring of its own)



Actual size 2-1/2" x 2-1/2 " and 1-1/2" tall
with 1"x 1" tongue.

I think I could have made it quite a bit smaller
if I had been into QRP (minimalist radio) at the time.

de Scott / W4PJ Ft. Lauderdale, FL <EL96vd> QRP-L \$1585 (Pres. SFDXA)
----- 73 -----

Date: Tue, 6 Oct 1998 16:02:06 +0200
From: "Peter_dl2fi" <Peter_DL2FI@csi.com>
To: "'QRP-L via PoP3'" <qrp-l@Lehigh.EDU>
Subject: [21518] AW: W3DZZ and loop antennas
Message-ID: <000a01bdf13a\$975b9280\$ad63fea9@ZenkerPN.perkin-elmer.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

I am using some of this mats and the loop as well since several years. The loop is a 5*5 Meter square one edge down and it is driven by a balanced feed line in my case. I use it from 40m down to ten and it gives me something like a bidirectional antenna with very low angel on the higher bands and on 40meter it could be compared to a fullsize Vertical. The results have been execellent on all this bands. It needs a maximum of 15 Minutes to build the antenna in the field and if you use guide wires, it will withstand any storm even at the top the hill. (Without guide wires it will not break, but i have seen my "Quad-loop" trying top down and up again like a gogo girl giving some extra fading :-)

A good trick is to save the part between two segments with an adhesive tape wound around, otherwise sometimes the mast tends to fall back to its packing size if there are heavy vibrations by stormy weather (this allso happened to my mast without any damaging)

The one and only real problem I had at top of an 850 meter hill in winter (-20 degrees C at night, +5 C at day. In the morning the mast was twice as thick as normal by the Ice on it, the melting water in the days sun run between the segments an while trying to diassemble the mast the next morning still under frosty conditions, I had problems to get this 10 Meters long beast into my car :-)

Heating the car and putting the mast through one window meter by meter to melt the ice helped in this situation :-)))

I very often use it as a 2 element phased vertical on 40m and as support for a 4ele Quad on 144MHz as well. (This are 4 Quads in a vertical row where the upper element of quad1 is the lower element of quad2. The 4Quad gives about 10 dB gain.

Sory to have no expierience with that W3DZZ, but I forgot all about W3DZZ Antennas 25 years ago when I built my first balanced line dipole ;-)

72 de Peter, DL2FI

DL-QRP-AG

G-QRP-C

-----Urspr ngliche Nachricht-----

Von: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU]Im Auftrag von marion@montana.com

Gesendet am: Donnerstag, 1. Oktober 1998 07:20

An: Low Power Amateur Radio Discussion

Betreff: W3DZZ and loop antennas

"I also have a small supply of the 10-40 meter loop antennas and the W3DZZ antennas that are designed to work with the DK9SQ mast."

Does someone have info or know where to find info on these antennas?

Thanks, Roy AB7CE

Date: Mon, 05 Oct 1998 11:24:17 -0400
From: Dick Blaney <wb8mhe@bright.net>
To: gweinfurt1@ohiou.edu
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [21519] Re: Homebrew keys
Message-ID: <3618E4A1.6AA414ED@bright.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Folks,

Of all the options for home brew key contacts, I have one that has contacts made from coin silver, (probably from some "dime" sized foreign coin), that were soldered on with 50/50 solder, and filed to shape.. Of course, it would be illegal to deface one of our coins. But for 10 cents, good contacts.

Todays nickel faced copper coins would not be the same, I'm sure.

For what it's worth.

73 de

Dick, WB8MHE

wb8mhe@bright.net

Greg Weinfurtner wrote:

> Guys and gals,
> Instead of using lead for key contacts, find an old switch and get
> the contacts out of them. The contacts are usually silver or some alloy.
> I've even soldered (Mechanically securing them is MUCH preferred before
> soldering) the contacts to key mechanisms and they work great.
>
> Geesh... brings back memories of my first key made out of a hacksaw
> blade...running a 6DQ5 osc/xmitter in '73.. even my first paddle (single)
> was a hacksaw blade... Ahh, but that is another story for another day.
>
> 73 de NS80

Date: Mon, 5 Oct 1998 09:44:30 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-1@Lehigh.EDU>
Subject: [21520] 40 mtr Fox Hunt Teams (fwd)
Message-ID: <Pine.LNX.3.95.981005094120.5367B-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

WOW!!... 7, I say SEVEN Teams!... it's going to be a battle royal!!...the Ohio group has picked a name and are known as the "SWORDS" from this point on....they must figure they're on the cutting edge of fox hunts technology....yeah, I know...boo...Roy and Dan have formed a yet-to-be-named Team and are looking for a name and additional members...who's going to win the Team Plaque (which is being worked on) for the FIRST time???...72 Bruce (VE5RC+VE5QRP)

(1) - Vibro-Fox Finders -

- Ed - WE6W
- Bill - N7MFB
- Ron - KU7Y >> got ur banjo ready Ron? << :-)
- Tom - WB0QYT
- Vic - K2VCO

(2) - Fox Nabbers -

- Doc - K0EVZ
- Dave - W0CH - Team Leader. (take me to your.....)
- Tim - W5FN

(3) - the Canadian Team so far - name not picked yet -

- Paul - VE7CQK
- Jeff - VA3JFF
- Earl - VE6EWM
- Fred - VE3FAL
- Armin - VE3TEQ
- Bruce - VE5RC

(4) - the Kentucky Foxhunters -

- Rich - KA8OKH
- Dave - NU4N

*** still room for more here - contact either Rich or Dave!

(5) - the SWORDS -

- Ron - N8VAR
- Rick - WB6JBM/8
- Dan - N8VZU

(6) - the Jersey Diddles -

- Joe - N2CX
- Tony - W2GUM
- Kevin - N2TO
- John - N4JS

(7) - the Lonesome Hounds or Hungry Hounds? - any suggestions?

- Roy - AB7CE
- Dan - N4ROA

->>>>>>> looking for additional team members!

- so this is where we are on MONDAY morning....any more?...let me know please by mid-day October 6th if you can...if we have Teams forming up later than October 6th, that's ok too...if a later-forming Team misses a hunt, well that's the way the cookie crumbles...form up and join the FUN...BE HAPPY!... HI HI...72 - Bruce(VE5RC+VE5QRP)

Date: Mon, 05 Oct 1998 08:15:56 -0700
From: Bill Jones <kd7s@psnw.com>
To: qrp-l@Lehigh.EDU
Subject: [21521] Homebrew Handkeys
Message-ID: <3618E2AC.3FA17CC@psnw.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

All this talk about homebrewing handkeys suggests a Homebrew Handkey Building Contest.

Anybody out there willing to administer such an undertaking?

=====
Bill Jones - KD7S <><
Sanger, California
<http://www.psnw.com/~kd7s>
=====

Date: Mon, 5 Oct 1998 11:55:57 -0400 (EDT)
From: "Paul R. Valko" <prvalko@oakland.edu>
To: QRP List <qrp-l@Lehigh.EDU>
Cc: 1998 Fox List -- Dave Ek <ekdave@earthlink.net>, Clifton W Sikes <ab5uacw@juno.com>, "Wilford D. Lindsey" <70511.3041@compuserve.com>,

"Michael A. Gipe" <mgipe@reliablemeters.com>, k5zty@juno.com, Walt Amos
<waltk8cv@ameritech.net>, Hank Kohl K8DD <k8dd@contesting.com>,
Subject: [21522] *IMPORTANT* Fox Hunt Rule Change
Message-ID: <Pine.OSF.3.95.981005105712.2040D-100000@vela.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

The Foxii have overwhelmingly decided to SIMPLIFY the wacky Foxhunt
scoring system and just give ONE POINT for every completed QSO.

I'm also including names in the required exchange.

We still encourage everyone to get a QRP-L number (as described at the end
of the rules).

RULES Version 3.0 (which should be the last and final) will follow this
announcement in a few minutes. Still in plenty of time for the FIRST
foxhunt Tuesday evening here in North America.

73! =paul= W8KC
Collector of Ten*Tecs and other fine plastics

<<http://www.acs.oakland.edu/~prvalko>>

Date: Mon, 05 Oct 1998 11:01:31 -0500
From: "Adam B. Kanis" <adam-kanis@uiowa.edu>
To: qrp-l@Lehigh.EDU
Subject: [21523] 25 kHz more tuning on OHR100 40m
Message-ID: <3.0.32.19981005110124.0068ac44@divis17.ped-gen.uiowa.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

hi all,

Saturday spent a while redoing (again) the side-tone oscillator freq and
the receive LO to match on the 40m OHR100. being fairly tone-deaf (familial
dysmelodia --> <http://www.ncbi.nlm.nih.gov/htbin-post/Omim/dispim?191200>)
made that a non-trivial task. the ByteMark PC-VFO did make the task much
easier - great tool.

Sunday I opened up the bottom 25 kHz of 40m (1/3 of the tuning rang of the OHR100) by passing the extra written and the 20 wpm test at the Southeast Iowa hamfest. Must have been a reward for standing out in the wind for an hour before that selling tickets at the entrance. the plan was to get the CSCE for the written (easy) and just take the code test for grins while i was there. I'll be the first to admit that I am not ready to operate at 20 wpm, but fortunately, the test was multiple choice, and I caught the right words and parts of words. gotta keep working at it (operating) to get my practical code speed up to 20 wpm.

For all of you thinking about taking a code-speed upgrades (13 or 20 wpm): just try it! you don't need 100% copy, get the key words or parts of them, and have some skill at reconstructing the info afterward. but keep yourself honest, and realize that you'll probably still need to work to get your REAL code speed up.

I couldn't operate last night (best way to increase code speed) because of stormy weather with lots of lightning.

--adam, n2brt/ae

=====
Adam B. Kanis
adam-kanis@uiowa.edu
=====

Date: Mon, 5 Oct 1998 10:04:45 -0600
From: "Steve Hurst" <shurst@magiclink.com>
To: <wb8mhe@bright.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [21524] Re: Homebrew keys
Message-ID: <199810051604.MAA39266@nss4.cc.Lehigh.EDU>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

FYI, you can do anything you like to U.S. currency and coins so long as you do not *alter* their face value. Destroying U.S. currency and coins is no crime as many people think. Ever see two sided coins ? These are real coins that have been cut in halves and soldered together. Ever see them bags of shredded currency ? Ever see a Clinton dollar ? Or an Elvis ? Or (my favorite) Bugs Bunny ? Have you ever been to a fair or amusment park and had a "penny" elongated thru a machine , out it comes with the Lord's Prayer on it ? That brings up another fact..... THERE ARE NO PENNIES !!!! Not in U.S. coinage that is ! We use "CENTS" , 1/100th of a DOLLAR.

Ob. QRP , Can't wait to see the new Vibroplex version of the K8FF paddle.
Anyone know of any pics on the web for viewing ?? Have a nice week
all.....

73,
Steve Hurst
KA7NOC (southern Idaho)
<http://www.magiclink.com/web/shurst>
shurst@magiclink.com

" I'm cooler than you are. Why don't you fix your little problem and light
this candle ?"
Alan B. Shepard

> From: Dick Blaney <wb8mhe@bright.net>
> Of course, it would
> be illegal to deface one of our coins. But for 10 cents, good contacts.
> Todays nickel faced copper coins would not be the same, I'm sure.
> For what it's worth.
> 73 de
> Dick, WB8MHE
> wb8mhe@bright.net
>
>
> Greg Weinfurtner wrote:
>
> > Guys and gals,
> > Instead of using lead for key contacts, find an old switch and
> get
> > the contacts out of them. The contacts are usually silver or some
> alloy.
> > I've even soldered (Mechanically securing them is MUCH preferred before
> > soldering) the contacts to key mechanisms and they work great.
> >
> > Geesh... brings back memories of my first key made out of a
> hacksaw
> > blade...running a 6DQ5 osc/xmitter in '73.. even my first paddle
> (single)
> > was a hacksaw blade... Ahh, but that is another story for another day.
> >
> > 73 de NS80
>
>

Date: Mon, 5 Oct 1998 10:59:03 -0600 (MDT)
From: marion@montana.com
To: rattray@gpfn.sk.ca
Cc: qrp-l@Lehigh.EDU
Subject: [21525] 40 mtr Fox Hunt Teams (fwd)
Message-ID: <199810051659.KAA08081@paw.montana.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Heres our team, the UNDERDOGS

Dan N4ROA VA
Chuck K5FO TX
Roy AB7CE MT

CU on the bands....

Date: Mon, 5 Oct 1998 12:19:48 -0400 (EDT)
From: "Paul R. Valko" <prvalko@oakland.edu>
To: QRP List <qrp-l@Lehigh.EDU>
Cc: 1998 Fox List -- Dave Ek <ekdave@earthlink.net>, Clifton W Sikes
<ab5uacw@juno.com>, "Wilford D. Lindsey" <70511.3041@compuserve.com>,
"Michael A. Gipe" <mgipe@reliablemeters.com>, k5zty@juno.com, Walt Amos
<waltk8cv@ameritech.net>, Hank Kohl K8DD <k8dd@contesting.com>,
Subject: [21526] FOXHUNT RULES Vesion 3.0!!!
Message-ID: <Pine.OSF.3.95.981005110229.2040E-100000@vela.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Rules are greatly simplified in the one-sentence, Executive Overview! If
you've been in the foxhunt in the past, NOTHING has been changed.

CHANGES FROM VERSION 2.0

- Simplified Scoring, One point per QSO - regardless of anything.
- Friendlier Exchange, Include Names in the QSO.

1 9 9 8 - 1 9 9 9 Q R P - L F O X H U N T !

Version 3.0

EXECUTIVE OVERVIEW

The Fox and Hound make a two-way QRP contact exchanging calls, RST, QTH, Name, QRP-L Number and/or RF output power.

DEFINITIONS

QRP = 5 watts or less RF output from the transmitter.

QRO = any power greater than 5 watts.

QTH = State, Province, or Country if outside US/Can.

Fox = the station everyone tries to work. Also known as foxii, the fox, the wily one, the bushy tailed SOB, etc.

Hound = any station trying to work the fox. Also known as the hound, hunter, hunters, the skunked, the pile-up.

W8KC = Paul Valko, runs the foxhunt. Also known as, =paul=, The collector of TenTecs and other fine plastics, Rule Maker, Rule Definer, Peace Keeper, Butt Kicker, etc.

Split = Classic DX-style operation on two distinctly different frequencies.

RULES

1.0 OBJECTIVE - The objective is to HAVE FUN.

1.1 GENERAL FOX GUIDELINES

1.12 Fox try to complete as many two-way, CW, QRP, QSOs - as possible, in a 2 hour long time period.

1.13 Fox must post PRIOR to operation day with details (rig, ant, freq) regarding their operation.

1.14 Fox will operate within +/- 10Khz of 7.040 MHz but should make an effort to AVOID operating directly on 7.040.

1.141 Fox will call CQ FOX, CQ FOXHUNT, etc.

1.15 Fox will be allowed to QSY to avoid QRM.

1.16 Fox WILL NOT operate "split."

1.2 GENERAL HOUND GUIDELINES

1.21 Hounds ONLY work the Fox.

1.211 Hounds ONLY ANSWER the FOX CQ - Hounds DO NOT call CQ FOX.

1.22 Hounds must NOT QRM the Fox Frequency after the QSO.

1.23 Hounds, work as many Foxii as possible over the 22 weeks of the Foxhunt.

1.24 [DELETED]

1.3 Hound SHOULD be QRP if giving a qrp-l number.

2.0 SCORING SYSTEM

2.1 One point will be awarded for each successful QSO.

2.2 [DELETED]

2.3 [DELETED]

2.31 Instructions to get your QRP-L Number are at the bottom of this message.

2.4 Maximum points for any one QSO is 3 points, allows incentive for Novice/Tech or Special Event Foxii.

2.5 EXCHANGE

- 2.51 A successful QSO MUST exchange as a minimum Callsigns, RST, QTH, Name, QRP-L number or RF output power.
- 2.52 Any other information exchanged (rigs, ant, etc.) is at the operator's discretion but is superfluous.
- 2.521 Operators are welcome to include superfluous detail in the posted report but the FOX LOG must be posted as detailed in rule 3.2.
- 2.6 [DELETED]
- 2.7 [DELETED]
- 3.0 REPORTING SYSTEM
- 3.1 Foxii LOGS MUST be posted to QRP-L with a copy also sent to: prvalko@oakland.edu
- 3.11 Posts to QRP-L Regarding the Foxhunt should begin with "FOX:" to enable filters to do their magic.
- 3.2 The Foxii log shall have the following layout:

TIME	STATION	FOX	HOUND	HOUND	HOUND	HOUND
HOUND						
GMT	WORKED	RST	RST	QTH	NAME	QRP-L# POWER
as an example...						
0200	w8kc	559	559	mi	Paul 59	2w
0201	wq9rp	579	579	wi	Hank	.9w
0202	n8iin	599	559	mi	Roy	100w
					TOTAL	3 POINTS

- 3.3 The Fox is responsible and is to be honorable in reporting scores.
- 3.31 All information exchanged must be done during the QSO, electronic "fills" via email are not permitted.
- 3.4 Hounds are encouraged to report both successful AND failed hunts to QRP-L (I do not need a Hound Log). This is also a propagation study, you know.
- 4.0 SPECIAL FOX EVENTS
- 4.1 A Special Event Fox may pop up once or twice to keep hunters on their toes. Stay tuned to QRP-L for these announcements.
- 4.2 A Novice Foxhunt will begin sometime in November.
- 4.5 There is a "Bye Date" where no fox is scheduled.
- 4.6 No Foxhunt is planned during Straight Key Night.
- 4.7 Any "sub-contest" such as "team competition" is the sole responsibility of the person who decides to run one.
- 4.71 Sub-contests must in no way interfere with the rules and smooth operation of the AUTHORIZED QRP-L FOXHUNT.

1998/1999 FOX SCHEDULE VERSION 1.00

WEEK	GMT DATE	FOX OP	FOX QTH	START TIME(Z)	GMT DATE	FOX OP	FOX QTH	START TIME(Z)
1	10/7	AB5UA	OK	0200	10/9	WQ8RP	MI	0100
2	10/14	WA8GHZ	TX	0100	10/16	W8RU	MI	0200

3	10/21	KV2X NY	0200	10/23	K8CV MI	0200	
4	10/28	N2TO NY	0100	10/30	KU7Y NV	0100	
5	11/4	AB5UA OK	0200	11/6	N1FN CO	0300	
6	11/11	K1MG CA	0200	11/13	WA8GHZ TX	0200	
7	11/18	AB0GO	CO	0200	11/20	K8CV MI	0200
8	11/25	W5TFB	TX	0200	11/27	KB7MBI WA	0200
9	12/2	N0UR MN	0100	12/4	WS4S TN	0300	
10	12/9	N7CQR	OR	0200	12/11	N2TO NY	0200
11	12/16	K5ZTY	TX	0200	12/18	N2SMH NJ	0100
12	12/23	WQ8RP	MI	0100	12/25	KB7MBI WA	0200
13	12/30	VE7DXJ	BC	0200	1/1/99	*** SKN ***	
14	1/6	** BYE DATE **		1/8	VE7DXJ	BC	0300
15	1/13	K0EVZ	ND	0200	1/15	N7CQR	OR 0300
16	1/20	N2SMH	NJ	0100	1/22	W8RU MI	0200
17	1/27	N0UR MN	0100	1/29	WS4S TN	0300	
18	2/3	W5TFB	TX	0200	2/5	K1MG CA	0100
19	2/10	KV2X NY	0200	2/12	AB0GO	CO	0200
20	2/17	K0EVZ	ND	0200	2/19	VE7CQK	BC 0100
21	2/24	KU7Y NV	0100	2/26	N1FN CO	0300	
22	3/3	VE7CQK	BC	0100	3/5	K5ZTY	TX 0200

FOX EMAIL ADDRESSES

Dave Ek <ekdave@earthlink.net>,
 Clifton W Sikes <ab5uacw@juno.com>,
 "Wilford D. Lindsey" <70511.3041@compuserve.com>,
 "Michael A. Gipe" <mgipe@reliablemeters.com>,
 k5zty@juno.com,
 Walt Amos <walatk8cv@ameritech.net>,
 Hank Kohl K8DD <k8dd@contesting.com>,
 ARDUJENSKI@aol.com,
 Monte Stark <ku7y@dri.edu>,
 Thomas Jennings <jennings@eng14.rochny.uspra.abb.com>,
 Lageson's <LAGESON@worldnet.att.net>,
 Marshall Emm <mgemm@mtechnologies.com>,
 David Maliniak <dmaliniak@penton.com>,
 "Kevin F. Glynn" <kfglynn@prodigy.net>,
 Dan Presley <talljazz@teleport.com>,
 Paul Erickson <paule@sfu.ca>,
 "C. Leung" <cleung@cln.etc.bc.ca>,
 Jack Bryant <Jack.Bryant@math.tamu.edu>,
 Ron Majewski <majewski@erim-int.com>,
 JFD / WA8GHZ /5 <jdougher@wt.net>,
 Conard Murray <ws4s@infoave.net>

OBTAINING A QRP-L MEMBER NUMBER

Use this command to obtain a QRP-L member number.

RUN QRP-L X GETNR callsign

example: RUN QRP-L X GETNR W8KC

where "callsign" is your callsign. Send this in the body of a message to LISTSERV@LEHIGH.EDU. Use the word NONE if you don't yet have a callsign. The list of assigned member numbers can be had via the command, also to LISTSERV@LEHIGH.EDU:

GET QRP-L/MISC MEMBER_NUMBERS.TXT

That's it for now gang! Unleash the hounds!!!

73! =paul= W8KC

Collector of Ten*Tecs and other fine plastics

<<http://www.acs.oakland.edu/~prvalko>>

Date: Mon, 05 Oct 1998 09:26:02 -0700
From: Pierre Constantineau <pierre@cmpe.ubc.ca>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [21527] Diode DBM experiments and questions
Message-ID: <3618F31A.2F0EEF4A@cmpe.ubc.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi everyone,

Last night, I played a bit around my freshly built doubly balanced mixer.

Simple design, two trifilar transformers, and a diode ring.
I used 10 trifilar turns on a FT37-43 for both transformers and 1n4148
matched by the voltage measurement on my DMM.

I plugged two signal generators and looked at the signals coming out.

I have a few questions:

How do we know if we put too much or too little local oscillator input?
How de we define the maximum input a DBM can handle?
How do we design a DBM to be level 7,13,17... a bit like the Mini-circuits
mixers which accepts different levels of RF/LO input?

What if we change the inputs around? change the LO by the IF or the RF
and move thing around? What would happen?

Thanks, I'll keep experimenting...

--

/'^'\
(o o)

-----o000--()--000o-----
Pierre Constantineau B.Eng Email: pierre@cmpe.ubc.ca
M. Applied Sciences Candidate Phone: (604) 822-2913
Flash Smelting Group Fax: (604) 822-4750

Centre For Metallurgical 111-2355 East Mall
Process Engineering Vancouver, BC, Canada
U. of British Columbia .0000 V6T 1Z4
http://noname.cmpe.ubc.ca () 0000. Amateur Radio: VE7JPC

-----\ (----()-----
 _) /
 (_/

Date: Mon, 05 Oct 1998 09:27:56 PDT
From: "Dan Hanson-KD6RXZ" <kd6rxz@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [21528] For Sale/Trade: HTX-242 2m FM (Not-QRP)
Message-ID: <19981005162756.1936.qmail@hotmail.com>
Content-Type: text/plain

I posted this before, however, I've lowed the price ddue to recent changes in HRO pricing.

I have a Radio Shack HTX-242 2-meter 45 watt mobile transceiver with auto-memory, CTCSS Encode/Decode for sale. The unit is BRAND NEW in the box, and has never had power to it. This is the latest model, still sold in the RS stores. I'm selling it because the XYL wants a dual-band radio. For specs, see the Radio Shack catalog. Price new is \$249.00 from Radio Shack. I would like \$175.00 for this unit plus shipping.

Will Consider Trade for Dual-Band Amp (5W in - 45w out), something like Mirage BD-35, also will consider trade for QRP equipment like Wildness Radio SST, or Norcal 40A, LDG QRP Tuner, etc...

Thanks for reading!

72 de
Dan Hanson
KD6RXZ@hotmail.com
Fullerton, CA

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Mon, 5 Oct 1998 10:31:45 -0600 (CST)

From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-1@Lehigh.EDU>
Subject: [21529] 40 mtr Fox Hunt Teams (fwd)
Message-ID: <Pine.LNX.3.95.981005102757.8455C-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

...I made a goof here...Ed told me I had Tom's call letters wrong and I keep forgetting to correct my error....so here, finally, is the correction...my apologies Tom...72 - Bruce(VE5RC+VE5QRP) + the Canadian Team's name!

(1) - Vibro-Fox Finders -

- Ed - WE6W
- Bill - N7MFB
- Ron - KU7Y >> got ur banjo ready Ron? << :-)
- Tom - WB5QYT
- Vic - K2VCO

(2) - Fox Nabbers -

- Doc - K0EVZ
- Dave - W0CH - Team Leader. (take me to your.....)
- Tim - W5FN

(3) - the Northern Lights -

- Paul - VE7CQK
- Jeff - VA3JFF
- Earl - VE6EWM
- Fred - VE3FAL
- Armin - VE3TEQ
- Bruce - VE5RC

(4) - the Kentucky Foxhunters -

- Rich - KA80KH
- Dave - NU4N

*** still room for more here - contact either Rich or Dave!

(5) - the SWORDS -

- Ron - N8VAR
- Rick - WB6JBM/8
- Dan - N8VZU

(6) - the Jersey Diddles -

- Joe - N2CX
- Tony - W2GUM
- Kevin - N2T0
- John - N4JS

(7) - the Lonesome Hounds or Hungry Hounds? - any suggestions?

- Roy - AB7CE

- Dan - N4ROA

->>>>>>> looking for additional team members!

- so this is where we are on MONDAY morning....any more?...let me know please by mid-day October 6th if you can...if we have Teams forming up later than October 6th, that's ok too...if a later-forming Team misses a hunt, well that's the way the cookie crumbles...form up and join the FUN...BE HAPPY!... HI HI...72 - Bruce(VE5RC+VE5QRP)

Date: Mon, 5 Oct 1998 12:46:27 EDT
From: Robspark@aol.com
To: KJ5TF@madisoncounty.net, qrp-1@Lehigh.EDU
Subject: [21530] AR-QRP Net Schedule
Message-ID: <310d9218.3618f7e3@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Following is a list of Arkansas QRP Club nets:

Monday Night 0030Z 3.560 mhz N9ZZ Bob AR-QRP #1 is NCS

Wednesday Night 0030Z 7.052 mhz AB5ZD Bob AR-QRP #277 is NCS

Non-members are welcome (and encouraged) to check in!

Date: Mon, 5 Oct 1998 13:00:37 EDT
From: ARDUJENSKI@aol.com
To: qrp-1@Lehigh.EDU, nwq-1@scn.org
Subject: [21531] HELP WITH GENERATOR INFO
Message-ID: <572e0ffc.3618fb35@aol.com>

Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

I am having trouble getting specifics and information on the PORTABLE GENERATOR I posted previously. Does someone have a contact in Japan that could make some inquiries for us? Info below:
Alan KB7MBI

July 6, 1998
Volume 36, Number 1,832 Issued: Tuesday, 7 July 1998

NEW PRODUCTS & SERVICES

Portable Generator Targets Cellular Phones, Stereos

Nippon Chemi-Con Corp. released July 1 a portable generator intended for use with cellular phones and personal stereos.

Turning a crank handle on the device can power portable devices and recharge nickel-cadmium batteries.

The generator is particularly handy for users of cellular phones, a company official said, as it is the first such unit that can provide power to cellular phones while they are in use.

Price: Open, 6,000 to 7,000 yen (\$43.17-\$50.36).

Nippon Chemi-Con Corp.: 1-167-1 Higashi-ome, Ome, Tokyo Tel.: 0428-22-1251.

Measuring 143.5-by-40-by-27mm, the generator weighs 100g without batteries and cables.

Date: Mon, 05 Oct 1998 11:59:37 -0500
From: Wes Spence <ac5k@ih2000.net>
To: qrp-l@Lehigh.EDU
Subject: [21532] FS Palomar Noise Bridge

Message-ID: <3618FAF9.699B@ih2000.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Fellow QRPers:

I have a Palomar Noise Bridge with Operators Manual in good and working condition for sale or trade. \$40.00 and I will pay shipping for anywhere in the lower 48 states.

I am looking for back issues of all QRP publications (copies OK) and a tone encoder board for an ICOM IC-2AT (my bicycle 2m rig). Please reply directly to me at my e-mail address.

72, Wes Spence AC5K
near Beaumont Texas
ac5k@ih2000.net

Date: Mon, 05 Oct 1998 10:00:47 -0700
From: "Allan (Grant) Taylor" <k7gt@qsl.net>
To: qrp-1@Lehigh.EDU
Subject: [21533] FS: MFJ9020
Message-ID: <3618FB3F.339B@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

For sale: MFJ 9020 CW xcvr. Ship for \$85, conUS.

Or... trade for OHR WM-1 or WM-2 wattmeter!

K7GT Allan Taylor k7gt@qsl.net

Date: Mon, 5 Oct 1998 10:14:00 -0700 (MST)
From: flydnq7x@primenet.com (Floyd Smithberg)
To: prvalko@oakland.edu, qrp-1@Lehigh.EDU
Subject: [21534] Re: FOXHUNT RULES Vesion 3.0!!!
Message-ID: <199810051714.KAA09476@smtp02.primenet.com>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Tnx Paul, more fun, easier scoring...never please everyone 8-) Post names again?

73 Floyd NQ7X Phoenix ScQRPion

Date: Mon, 5 Oct 1998 11:19:04 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: Elda Wilson <ewilson@nccn.net>
Cc: Low Power Group <qrp-l@Lehigh.EDU>
Subject: [21535] Re: Team name
Message-ID: <Pine.LNX.3.95.981005111600.11673A-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hello Elda!.....great name idea for sure...I'll put it on QRP-L and maybe some

Team will pick it up eh!?!.....tnx agn & 72 - Bruce(VE5RC+VE5QRP)

On Mon, 5 Oct 1998, Elda Wilson wrote:

> Hi Bruce,
>
> I've been reading the mail on fox hunting team names.
>
> A KIT is a young fox. Why not Kit Nabbers or Kit Nappers ?
>
> Anyway, that"s my suggestion for anyone that needs a name.
>
>
> 72, and I'll be looking for you on 7040
>
> Doug k6rpn, Grass Valley, Ca
>

Date: Mon, 05 Oct 1998 13:59:52 -0400
From: Scott Howell <whowell@hq.nasa.gov>
To: qrp-l@Lehigh.EDU
Subject: [21536] Fox Hunting team names
Message-ID: <3.0.5.32.19981005135952.0080b230@mail.hq.nasa.gov>

Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I release these names into the pool of potential names. Of course I think there funny so do what you will.

my personal favorite.
Flatulating Fox flateners
frequently can be added if desired

Flea biting fox hounds

hounds from hell

funcadelic fox fighters or replace with hound

if your using straight keys
bug busters of "state"

paddle pounders of "state or geographic area"

if you want to play on the hound theme
the German Shepherd club or GSDB for short
The lazy Labs (good fox dog)hmmm maybe birds are best for those guys
Code Crunching Hounds from hell or state or whatever works

hmmm creative streek just got flatend so go to it.

Date: Mon, 5 Oct 1998 14:07:57 EDT
From: RangerSF5@aol.com
To: qrp-1@Lehigh.EDU, qrp@qth.net, forsale-swap@qth.net.cwqth.net
Subject: [21537] 30-M ARK
Message-ID: <bb92f9fb.36190afd@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

For sale or trade,
ARK 30 Meter rig with mod on the 386 chip,has tick keyer with memory.
Just peaked and tweaked and putting out 4.22 watts into a 50 ohm load.
EXCELLENT RX
\$160.00 Shipped or trade?
Bob

WA2HOQ

Date: Mon, 05 Oct 1998 10:16 -0600
From: "Karl Kanalz - Dallas" <kkanalz@optelinc.com>
To: "John M Andrews" <n5inz@juno.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [21538] RE: INFO please: FT-301D
Message-ID: <17AC4CCD@optelinc.com>

Congrats on your FT-301 acquisition...do you have a manual for it? I have a manual, but I won't part with it.... if you GENUINELY NEED a manual, I'll be glad to photocopy mine (at no charge) and send you a copy if you'll send me your mailing address.

The answer to your QRP question (#1) is:

Yes! That's all you have to do!

Karl Kanalz - W8TIF
McKinney, TX ("The Hub of The Universe")

From: John M Andrews
To: Low Power Amateur Radio Discussion
Subject: INFO please: FT-301D
Date: Sunday, October 04, 1998 1:11PM

Howdy:

Picked up an FT-301D at the Belton, Tx. Expo and need a bit of info.

1. Just jumper the BNC's and remove the amp for QRP operation?
2. Any tips, suggestions, mods?

72, John- N5INZ

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Mon, 5 Oct 1998 11:29:24 -0700
From: gsurrency@juno.com (Gary L Surrency)
To: qrp-1@Lehigh.EDU
Subject: [21539] 38S PA variations
Message-ID: <19981005.112924.10006.2.gsurrency@juno.com>

Gang,

Not to dispute my friend Paul's excellent explanation of wildly varying IRF510 (or IFR510 !) characteristics, I would like to offer my suggestions to those 38S owners who are still having problems getting consistent PA output of 5 watts or so, and/or good stability.

In the two 38S's I built, I had good luck getting 7-9 watts output. In addition, I have never blown a Mosfet PA to date. I suspect all the Mosfets that people have cooked, have been due to spurious driver content, wiring errors of the kit, open antenna loads, or inadequate heatsinking of the Mosfet.

Though I hate to open the can-of-worms thread that ran here over a year ago, it is essential that trimmer cap TC2 in the TX bandpass filter have two peaks. With only a single LC filter to quench the mixer products following the NE602 mixer (U3), it *must* be resonant at the desired 10.1 MHz frequency.

Also, C25 and C26 should both be replaced with 330pf caps to reduce the amount of drive, both spurious and desired, to the octal buffer U4. Lowering the capacitance of these caps has a large effect on reducing the undesired low *and* high frequency content signal from the mixer and amplifier TR1.

As for low power output problems from the Mosfet PA, the low-pass filter components have the greatest impact on producing a desired output level. If you use the values for the LPF that several of us here on the QRP-L derived, you should have no problems getting 5-7 watts. Several mods *must* be down to achieve stability in the low-level TX circuits, as previously printed in the Fall 1997 issue of QRPp.

I used the following LPF values with excellent results in my two 38S kits:

C501 560pf silver mica (s/m)
L3 11 turns on a T37-2 (red) evenly spaced around the entire core
C28 1000pf s/m
L4 12 turns on a T37-2 (red) spaced near the top half of the core

C29 560 pf s/m

These values were verified using the test procedures I earlier posted using a MFJ-259B SWR / Z analyzer. A collector load impedance of 13-18 ohms may be achieved with small adjustments to the LPF inductors or capacitors. Some silver mica caps I tried were quite a bit off their branded values, so be aware of tolerances if you have troubles. Usually, adjustment of the toroid windings will compensate for this, and actual operation of the PA is not as critical as the collector impedance measurements would tend to indicate. But, it *is* possible to produce a perfect match from a collector load resistance of 15-18 ohms to an antenna load of 50 ohms, with no reactance component. See my other posting, "The Low-down on Low-pass filters" for further details.

Set up this way, the 38S produces a clean output of as much as 5 to 9 watts with good stability and very little heating of the Mosfet PA. If it's working correctly, 10 ohm resistor R104 in series with the Gate of the PA Mosfet will be slightly warm. I kept the ferrite bead on the resistor lead also.

I am quite satisfied with the TX and Mosfet PA performance of my 38S. As Paul has indicated though, it is more difficult to get reliable, consistent PA operation in a kit using a Mosfet PA without requiring some technical knowledge, test equipment, and circuit "tweaking". After all, these Mosfets were *not* originally designed for RF service in the 10 MHz range.

I just wanted to provide some help to those builders of the 38 Special that have not been successful at achieving adequate stability and power output. There have been so many modifications for this rig since its introduction, that some people may not know which ones work well, and which ones do not.

Gary Surrency AB7MY QRP-L #571 Chandler, AZ (near Phoenix)

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
or call Juno at (800) 654-JUNO [654-5866]

Date: Mon, 5 Oct 1998 13:07:44 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-l@Lehigh.EDU>
Subject: [21540] 40 mtr Fox Hunt Teams (fwd)
Message-ID: <Pine.LNX.3.95.981005125926.17608A-1000000@neale.gpfn.sk.ca>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

.....well lookee here folks!....Roy's (AB7CE) Team now has an official name...AND a third team member!....CHECK IT OUT EVERYONE!!...72 Bruce (VE5RC+VE5QRP)

(1) - Vibro-Fox Finders -

- Ed - WE6W
- Bill - N7MFB
- Ron - KU7Y >> plunkplunk plunkety << :-)
- Tom - WB5QYT
- Vic - K2VC0

(2) - Fox Nabbers -

- Doc - K0EVZ
- Dave - W0CH - Team Leader. (take me to your.....)
- Tim - W5FN

(3) - the Northern Lights -

- Paul - VE7CQK
- Jeff - VA3JFF
- Earl - VE6EWM
- Fred - VE3FAL
- Armin - VE3TEQ
- Bruce - VE5RC

(4) - the Kentucky Foxhunters -

- Rich - KA80KH
- Dave - NU4N

*** still room for more here - contact either Rich or Dave!

(5) - the SWORDS -

- Ron - N8VAR
- Rick - WB6JBM/8
- Dan - N8VZU

(6) - the Jersey Diddles -

- Joe - N2CX
- Tony - W2GUM
- Kevin - N2T0
- John - N4JS

(7) - the Underdogs - (psst - notice how Roy tried to hide Chuck by putting him in the middle?.....boy, these Underdogs are smooth!

- Dan - N4ROA
- Chuck - K5F0
- Roy - AB7CE

- so this is where we are on MONDAY afternoon....any more?...let me know please by mid-day October 6th if you can...if we have Teams forming up later than October 6th, that's ok too...if a later-forming Team misses a hunt, well that's the way the cookie crumbles...form up and join the FUN...BE HAPPY!... HI HI...72 - Bruce(VE5RC+VE5QRP)

Date: Mon, 5 Oct 1998 15:16:29 EDT
From: RangerSF5@aol.com
To: forsale-swap@qth.net, cw@qth.net, qrp-1@Lehigh.EDU
Subject: [21541] ARK 30-M
Message-ID: <7730bed7.36191b0d@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

For sale or trade
ARK 30-Meter rig.
With tick keyey and memory.
Has mods for the 386 chip and just been peaked and tweaked.
Out put is 4.22 watts into a dummy load.
HOT RX
Super sharp CW FILT.
\$160.00 or trade.
Please,no pocket type qrp rigs for trade
Thank you
Bob
WA2HOQ

Date: Mon, 5 Oct 1998 13:32:05 -0400
From: "Michael St. Angelo" <mstangelo@worldnet.att.net>
To: "'pierre@cmpe.ubc.ca'" <pierre@cmpe.ubc.ca>, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [21542] RE: Diode DBM experiments and questions

Message-ID: <01BDF073.58333C60@112.newark-38-39rs.nj.dial-access.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Pierre wrote:

How do we know if we put too much or too little local oscillator input?
How do we define the maximum input a DBM can handle?
How do we design a DBM to be level 7,13,17... a bit like the Mini-circuits mixers which accepts different levels of RF/LO input?

What if we change the inputs around? change the LO by the IF or the RF and move thing around? What would happen?

I recall an article on DBM design. If a single schottky diode is used in each leg of the ring the optimum LO level is +7dbm. The diodes are placed in series or a resistor is placed in series with a diode for the higher LO. Unfortunately, I don't remember the amount of series diodes used vs. LO level or the resistor values.

A mini-circuits application note mentions that the IF port is DC coupled and may be interchanged with the RF port for very low frequency RF inputs. The disadvantage is an increase of IMD products.

Mini-Circuits catalog also discusses the test setups for measurement of the various parameters Such as LO level, isolation and IMD distortion products. You should check out their webpage:
www.minicircuits.com.

To perform these tests you would need at least two accurate signal generators and a spectrum analyzer, something I wish I had!

Regards

Mike St. Angelo
Email:mstangelo@worldnet.att.net

Date: Mon, 5 Oct 1998 15:30:24 -0400
From: Joe Everhart <n2cx@voicenet.com>
To: qrp-1@Lehigh.EDU
Subject: [21543] ARS rig/battery weight info
Message-ID: <199810051930.PAA33144@nss4.cc.Lehigh.EDU>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Group,

Back before the ARS Journal began (and a fine service it is!) there used to be a section on the ARS web page listing weights for some common rigs and batteries. i can't seem to locate that info there any more. Is it gone or am I somehow missign it?

I'm sooo confused!!!

72/73,

Joe E., N2CX

from South Jersey y'all!

Date: Mon, 05 Oct 1998 19:55:58 +0000
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [21544] QSO with the selective operator.
Message-ID: <3619244E.1F6A@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

All in all, last week was great. Had a lot of QSO's despite the QRN, and operated as NCS for the WSN-40 net on Saturday with my 3 Watts/OHR-100/Inv. Vee up 18 feet in the park where I was running a Horseshoe Pitching Tournament. All signal reports were great!

(P.S. my son returned the car and all my gear was intact. I guess a Bucket with wires on top looks like garbage to thieves :)

But one thing lately has me a bit unsettled. This last week I have had about 5 busted QSO's where the other station was 569 or better for 15 minutes. Then I have a chance to give out more details on my set-up and mention I'm using a BUG.

END OF QSO! Never to be heard again. I'm left with some minor QRN and background CW/RTTY QRM , but nothing abnormal.

You'd think after 15 minutes "FB CPY OM" etc. they'd be OK when I mention the Semi-Automatic Key....

I guess if I take the high road I'd convince myself that "TU OM, SRI NO CPI, HPE CU AGN when Band condx Btr, 73 es GN de we6w sk"

That's what I send, but it hurts. Yes it hurts.

What usually follows is self doubt: "Did I send badly, too fast?"
"Hurt his feelings not mentioning his 'FB' antenna?"
Then the thoughts of: Maybe he hates QRP'ers, Bug keys, Thinks my FB signal is QRO and I'm really 100 Watts?

I'll let it be that the band was BAD and not HIM. He Is my HAM Brother.

And all is well again.

Best Regards, and hope this was QRP Operating therapy for someone else too -- It is for me.

-Ed

--

72, Ed WE6W (CW only/VP-0); <http://www.qsl.net/we6w> Santa Rosa, CA
QRP-Z#106 QRP-L#1068 AR#112 NC#2227 ARCI#9397 QAA#006

Date: Mon, 5 Oct 1998 15:08:57 -0500
From: "Cieslak, Chris" <ccieslak@LAW.UIUC.EDU>
To: "'qrp-l@lehigh.edu'" <qrp-l@Lehigh.EDU>
Subject: [21545] thanks for the info on the k8ff paddle!
Message-ID: <9171552F3022D1118B9F00805FFEB54601485FBD@law-mail.law.uiuc.edu>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Thanks to all who responded on how to polish the brass parts of the k8ff norcal paddle. My local Sears had a sale on dremel-type rotary tools, so

for about 30 bucks i got a tool, the polishing kit, which has a small bit of polishing compound and a bunch of cloth wheels to put on the rotary tool, and some sandpaper. not a bad deal! the parts are almost polished now... can't wait to finish the key up and use it!

72/3, chris aa9hd

Date: Mon, 05 Oct 1998 16:11:25 EDT
From: w4pj@w4bkx.ampr.org
To: we6w@qsl.net
Cc: qrp-1@Lehigh.EDU
Subject: [21546] Using a BUG
Message-ID: <24971@w4bkx.ampr.org>

Hi Ed, Scott here.

Ya know, I found just the oposite. When using the old LightningBug, I seem to get longer QSOs and talk about more far ranging subjects with extended rag-chews. I have been told I have "Lake Erie Swing", whatever variation that may be. Maybe it's genetic. My OM was a Navy Op in WWII Pacific and the family is from WPA (Not far from Erie). ??? When I am using the Iambic and keyer the QSOs seem to be more generic RST RIG ANTENNA QRU BCNU 73 etc. I guess the "swing" attracts a different type of caller and alot of other bug users as well. The bug has been idle for several weeks. Maybe time to dust it off for the FOXHUNT. As far as the "swing" is concerned, I really AM trying to send as nice as possible spacing but being a musician I guess " I got rythm".
de Scott / W4PJ (Finally got 40m antenna back up after "Georges".)

Date: Mon, 05 Oct 1998 20:29:44 +0000
From: Ed Loranger <we6w@qsl.net>
To: w4pj@w4bkx.ampr.org
Cc: qrp-1@Lehigh.EDU
Subject: [21547] Re: Using a BUG; ALSO K8FF PADDLE NOTE.
Message-ID: <36192C38.6C44@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Thanks for the nice note, Scott. Yes I get excellent and long 'RCC' qualified QSO's too. Just noticed this the last 10 days

or so that there has been a few operators around 7040 that seem to disappear....

K8FF Paddle Polishing. not to rekindle the polishing threads of last year, but if you know anyone with the old KIRBY Vacuum cleaners, like the Dual Sanatronic etc. that had the polishing wheels etc, it came with two 9 inch long polishing bars. One is red and is jeweler's rouge, the other white and something else...

Probably have more jeweler's rouge in that garage than you think! I've got about a 5 lifetime supply!

-Ed

--

72, Ed WE6W (CW only/VP-0); <http://www.qsl.net/we6w> Santa Rosa, CA
QRP-Z#106 QRP-L#1068 AR#112 NC#2227 ARCI#9397 QAA#006

Date: Mon, 05 Oct 1998 15:31:40 -0500
From: "Adam B. Kanis" <adam-kanis@uiowa.edu>
To: qrp-l@Lehigh.EDU
Subject: [21548] N2BRT in Denver Oct27 - Nov1 , ?meet
Message-ID: <3.0.32.19981005153133.006efd0c@divis17.ped-gen.uiowa.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

hi all,

it's time for the annual American Society of Human Genetics (ASHG) meeting, this year in Denver. i'd like to take one evening off to meet local QRPers. i arrive tuesday evening Oct27 and leave sunday 1Nov.

let me know by direct email if you are interested in getting together.

72,

--adam, n2brt

Adam B. Kanis, N2BRT
adam-kanis@uiowa.edu QTH: Wellman, IA (Near Iowa City) EN41ck
-- ARRL:RSGB:QRP-ARCI:GQRP:QRP-L:NorCal:IowaQRP:SEITS --
** On the web at <http://genome33.ped-gen.uiowa.edu/hamradio> **
=====

Date: Mon, 05 Oct 1998 14:04:47 -0700

From: Stan <Stan@cruzio.com>
To: we6w@qsl.net
Cc: qrp-1@Lehigh.EDU
Subject: [21549] Re: QSO with the selective operator.
Message-ID: <3619346F.2424@cruzio.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Ed,

Get an honest evaluation of your sending.

Can you make a recording of the qso ?

I'll sked with you, but i believe your a tough copy from
my qth. (too short dx). Perhaps a daytime sked would work.

Chances are, it has more to do with the qrp than the bug.]

You say they were 569, were they running QRP ? Some ops just don't want
to work that hard.

Stan G. N6XU

Ed Loranger wrote:

>
> All in all, last week was great. Had a lot of QSO's despite
> the QRN, and operated as NCS for the WSN-40 net on Saturday
> with my 3 Watts/OHR-100/Inv. Vee up 18 feet in the park where
> I was running a Horseshoe Pitching Tournament. All signal
> reports were great!
>
> (P.S. my son returned the car and all my gear was intact. I
> guess a Bucket with wires on top looks like garbage to thieves :)
>
> But one thing lately has me a bit unsettled. This last week I
> have had about 5 busted QSO's where the other station was 569
> or better for 15 minutes. Then I have a chance to give out more
> details on my set-up and mention I'm using a BUG.
>
> END OF QSO! Never to be heard again. I'm left with some minor

> QRN and background CW/RTTY QRM , but nothing abnormal.
>
> You'd think after 15 minutes "FB CPY OM" etc. they'd be OK when
> I mention the Semi-Automatic Key....
>
> I guess if I take the high road I'd convince myself
> that "TU OM, SRI NO CPI, HPE CU AGN when Band condx Btr, 73 es GN de
> we6w sk"
>
> That's what I send, but it hurts. Yes it hurts.
>
> What usually follows is self doubt: "Did I send badly, too fast?"
> "Hurt his feelings not mentioning his 'FB' antenna?"
> Then the thoughts of: Maybe he hates QRP'ers, Bug keys, Thinks my FB
> signal is QRO and I'm really 100 Watts?
>
> I'll let it be that the band was BAD and not HIM. He Is my HAM Brother.
>
> And all is well again.
>
> Best Regards, and hope this was QRP Operating therapy for someone else
> too -- It is for me.
> -Ed
> --
> 72, Ed WE6W (CW only/VP-0); <http://www.qsl.net/we6w> Santa Rosa, CA
> QRP-Z#106 QRP-L#1068 AR#112 NC#2227 ARCI#9397 QAA#006

Date: Mon, 5 Oct 1998 14:09:36 -0700
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: <qrp-l@Lehigh.EDU>
Subject: [21550] Pacificon Update
Message-ID: <01bdf0a4\$75a089c0\$630a0d0a@doug.dpol.k12.ca.us>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Ok guys, the NorCal meeting was yesterday, this weekend is the "Bingo Tournament" in Reno, yeah I know, but I have to go. It is a trade for my going to Pacificon. Married guys will understand, you single guys will whenever you get married. Until then it doesn't matter.

Pacificon is looking good. Here is the schedule for the speakers:
8:00 AM Roy Lewallen, W7EL

9:00 Roy Lewallen, W7EL
10:00 Bill Jones, KD7S
11:00 Dave Fifield, AD6AY
12:00 Lunch on your own
1:00 Ade Weiss, W0RSP
2:00 George Dobbs, G3RJV
3:00 Paul Harden, NA5N
4:00 Brian Cassel, W5VB0

It is an outstanding line up of speakers, All of them will have papers in the compendium, and all will be in attendance at the QRP Open House Saturday night at the hotel.

Each attendee (the first 200) will receive a 130+ page compendium with articles by all of the speakers, plus the following articles:

History of NorCal

History of Wayne Burdick's Designs

The 44 Magnum

Vertical Antennas and Radial Systems

The Arizona ScQRPion LED SWR Indicator

History of NorCal Building Contests

50 MHz. CW Transceiver Construction Article

50 MHz 3 Transistor CW Transceiver Construction Article

50 MHz SSB Transceiver Construction Article

21 MHz 3 Transistor CW Transceiver Article

How to copy CW, the fast way.

This compendium will have the first schematics of the NorCal 20 and the 44 Magnum, plus three 50 MHz rigs and a 15 meter CW transceiver. I tried to make it well rounded with something to interest everyone. In addition to the compendiums, the first 200 QRPers through the doors will also receive the 6 project board set that goes with the G3RJV article, The G3RJV Six Pack. Note: The compendiums are a gift for the Pacificon Attendees and will not be sold at a later date.

NorCal is providing the compendiums, the circuit boards and the speakers for NO additional charge to the attendees. It is our way of saying thank you to our members, supporting QRP, and having fun. We believe that QRP Forums should be free, and that there should not be a charge to the attendees.

Also, don't forget that there is a building contest with 3 divisions Saturday night. All entries should be accompanied with schematics and a typed description of the project. The three divisions are:

K5F0 Unlimited - First Prize NorCal 20 Kit

NorCal Transistor Transceiver Contest - First Prize, SWL 40+ Kit (with enclosure)

K8FF Paddles - First Prize, Mike Gipe Blue Sky Engineering Counter Kit and

Joe Everhart Gusher Antenna Kit.

There will be second and third prizes for each division.

Hope to see you there. 72, Doug

Date: Mon, 05 Oct 1998 21:08:31 -0700
From: "Harvey D. D. Hetland" <n6mm@earthlink.net>
To: qrp-l@Lehigh.EDU
Subject: [21551] Fox: fFoxhunting and tornadoes de AB5UA
Message-ID: <361997BF.310B@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

If you have not noticed 15m has been pretty good lately, even working a few Europeans on 21060 from the west coast including a marginal two-way QRP QSO with GM300X this morning. However, Clif, AB5UA called me (2100Z) to advise that he had a number of spooky tornadoes touching ground around him last night in Oklahoma. Power is now restored, but he cannot log on the Internet. He lives about 13 miles out in the country, and assumes the problems with the connect are in the city. He advises that he will be on for the foxhunt provided the tornadoes do not continue, and he requested that I let the good folks on QRP-L know about his situation. He said they had no rain all summer, but they sure got some last night. He is optimistic that he will be able to log on the Internet tomorrow.

73, Harvey, N6MM. (Sunny California)

Date: Mon, 5 Oct 1998 17:22:19 -0400
From: "Jack Sterba" <kb9leb@geocities.com>
To: <qrp-l@Lehigh.EDU>
Subject: [21552] Frustration
Message-ID: <199810052123.0AA02081@geocities.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello. I have a NorCal 40A. I have not made one contact since building it about 5 weeks ago :(. I try about every night without any success. Are band conditions bad for this type of communication? Is my antenna the point where I am loosing a lot of RF energy? I am using a dipole for 40 in my attic in a zig-zag form. I think that the output power is about 2-3 watts. I have done all the tweaking with the rig and antenna system that I can think of. Any other sugestions on being heard by others??

Jack, KB9LEB
New Smyrna Beach
<http://www.geocities.com/SiliconValley/Lab/2266/>

Date: Mon, 5 Oct 1998 22:19:55 +0100
From: Keith Huggett <keith@g8izz.demon.co.uk>
To: qrp-l@Lehigh.EDU
Subject: [21553] Unsibscibe help, please.
Message-ID: <1IW48DA7fTG2EwEf@g8izz.demon.co.uk>
MIME-Version: 1.0

Due to big crash I have lost thwe help sheet and I wish to unsubscribe from this mail list for a while.

If this message gets out into the big wide world in stead of it intended recipient would someone be kind enough to pass it on to the mail list coordinator for their action.

Many thanks.

--

Keith Huggett

Date: Mon, 05 Oct 1998 21:41:24 +0000
From: Ed Loranger <we6w@qsl.net>
To: stan@cruzio.com
Cc: qrp-l@Lehigh.EDU
Subject: [21554] Re: QSO with the selective operator.
Message-ID: <36193D04.6DCC@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

You have a great idea. Maybe I can set up my receiver

with a tape player. That rcvr has an audio output port.

I always seem to get excellent reports on my CW sending. One neighbor ham who absolutely DESPISES QRP, and actually has a very severe signature file on the subject, sent me a glowing report on my sending a couple of weeks ago. Said he was /M driving the car and listening to me on the air; something like:"That Les Logan Bug is SWEET" and something about my fist being Silky Smooth.....or something. He also said that his "Presentation ready Vibroplex looks fantastic, but my Rusted Base, Les Logan Speed-X Sounds like it is presentation quality.

Really nice comments since he once mentioned he'd blow that CHEAP QRP Front END out of the OHR-100 with his 5 KW GREEN MONSTER Power AMP!

So coming from him, his praise says a lot to me.

All of the Phantom/QSB qso's were my 5 Watts/them QRO.

-Ed

Stan wrote:

>

> Hi Ed,

>

> Get an honest evaluation of your sending.

>

> Can you make a recording of the qso ?

>

> I'll sked with you, but i believe your a tough copy from

> my qth. (too short dx). Perhaps a daytime sked would work.

>

> Chances are, it has more to do with the qrp than the bug.]

>

> You say they were 569, were they running QRP ? Some ops just don't want

> to work that hard.

>

>

> Stan G. N6XU

--

72, Ed WE6W (CW only/VP-0); <http://www.qsl.net/we6w> Santa Rosa, CA
QRP-Z#106 QRP-L#1068 AR#112 NC#2227 ARCI#9397 QAA#006

Date: Mon, 05 Oct 1998 22:20:29 +0000

From: Ed Loranger <we6w@qsl.net>
To: n2zhy@amsat.org
Cc: qrp-l@Lehigh.EDU
Subject: [21555] Re: QSO with the selective operator.
Message-ID: <3619462D.7931@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

David Hurley, n2zhy wrote:
<snip>

> JUST DON'T SAY bug!
I bet that's it!!!!!!!!!!!!!!

>From now on I will wait until they ask about my Key!!!

That's it!

Good night all.
-Ed (With Classic Key.) ;)

--

72, Ed WE6W (CW only/VP-0); <http://www.qsl.net/we6w> Santa Rosa, CA
QRP-Z#106 QRP-L#1068 AR#112 NC#2227 ARCI#9397 QAA#006

Date: Mon, 05 Oct 1998 16:48:43 -0700
From: "Russ Carpenter" <russ@natworld.com>
To: "QRP-L List" <qrp-l@Lehigh.EDU>
Subject: [21556] Praise for the MiniR2
Message-ID: <199810052245.PAA23732@guppy.pond.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

I'm probably the last person on earth to have listened to a high performance direct conversion receiver. But now that I have my MiniR2 functioning, I feel compelled to give the following testimony.

For CW work, especially weak signal CW work, this little receiver is stunning. The signals are crystal clear and you can hear all of them, across the whole dynamic range. No more birdies, or blocking, or phase noise. Just the real thing.

Of course, constructing the MiniR2 makes you work a little. The 2 1/2 by 3 1/2 inch board is jam packed. And you need to supply the front end filtering and local oscillator. But as the designer Rick Campbell, KK7C, says, keeping this stuff off the board means that the MiniR2 can function from "VLF to light."

I've been comparing the MiniR2 to some other receivers that live here, including a Kenwood 870S, Ten-Tec Argonaut II, QRP-Plus, and three assorted NE602 boxes. For weak signal CW, it beats the pants off all of them.

Russ Carpenter, AA7QU

End of QRP-L Digest 1235
